

PATENT APPLICATION

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ABSTRACT

TUBE FOR TRANSPORTING PETROL

This tube having in its radial direction, from the inside to the outside, a so-called inner layer based on a fluororesin (or fluoropolymer) and intended to come into contact with a flowing fluid, characterized in that the inner layer is formed from a blend comprising a semicrystalline thermoplastic fluororesin and an ABC triblock copolymer, the three blocks A, B and C being connected together in this order, each block being either a homopolymer or a copolymer obtained from two or more monomers, the A block being linked to the B block and the B block to the C block by means of a covalent bond or of an intermediate molecule linked to one of these blocks via a covalent bond and to the other block via another covalent bond, and in that:

- the A block is compatible with the fluororesin,
- the B block is incompatible with the fluororesin and is incompatible with the A block, and
- the C block is incompatible with the fluororesin, the A block and the B block.

This tube is impact-resistant and has a very low permeability to petrol.

184 words
- 13 A, B, C
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